

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 12731-63-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN C.I. Reactive Black 31 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Duasyn Black KRL-SF
CN Duasyn Black RL-SF-VP 228
CN **Reactive Black 31**
CN Remazol Black RL
CN Remazol Black RL-ID
MF Unspecified
CI MAN
LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

47 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
47 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 1330-38-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Cuprate(2-), [29H,31H-phthalocyanine-C,C-disulfonato(4-)-
κN29,κN30,κN31,κN32]-, disodium (9CI) (CA INDEX
NAME)
OTHER CA INDEX NAMES:
CN 29H,31H-Phthalocyanine-C,C-disulfonic acid, copper complex
CN C.I. Direct Blue 86 (6CI)
CN Copper, [dihydrogen phthalocyaninedisulfonato(2-)]-, disodium salt (7CI,
8CI)
CN Cuprate(2-), [29H,31H-phthalocyanine-C,C-disulfonato(4-)-N29,N30,N31,N32]-
, disodium
OTHER NAMES:
CN Acid Blue 87
CN Aizen Primula Turquoise Blue GL
CN Aizen Primula Turquoise Blue GLH
CN Amafast Turquoise 8GGL
CN Amanil Fast Turquoise
CN Amanil Fast Turquoise LB
CN Arlazol Fast Turquoise Blue 6GN
CN Atlantic Fast Turquoise LGA
CN Basacid Blue 752
CN Belamine Fast Turquoise LGL
CN C.I. 74180
CN C.I. Acid Blue 87
CN C.I. Solvent Blue 38
CN Calcodur Turquoise GL
CN Chlorantine Fast Turquoise Blue GLL
CN Chlorantine Fast Turquoise VLL
CN Chrome Leather Turquoise Blue GLL
CN Cibafix Direct Blue 86
CN Cuprofix Blue Green B
CN Cuprofix Blue Green FB
CN Cuprofix Turquoise Blue FBL
CN Daivougen Blue BF
CN Derma Fast Turquoise W 2GL
CN Diaphtamine Light Turquoise G
CN Diazol Light Turquoise JL
CN **Direct Blue 86**
CN Direct Emerald Blue GL
CN Direct Fast Blue L 7V
CN Direct Fast Turquoise

CN Direct Fast Turquoise Blue GL
 CN Direct Light Turquoise Blue GL
 CN Direct Light Turquoise GL
 CN Direct Lightfast Blue Green GL
 CN Direct Lightfast Emerald Blue GL
 CN Direct Lightfast Turquoise
 CN Direct Lightfast Turquoise GL
 CN Direct Lightfast Turquoise M
 CN Direct Sun Green Blue GL
 CN Direct Turquoise Blue GL
 CN Disulfo copper phthalocyanine amine salt
 CN Durazol Blue 8G
 CN Durazol Blue 8GA
 CN Durazol Blue 8GS
 CN Durazol Fast Blue 8GS
 CN Durazol Paper Blue 8G
 CN Eliamina Light Turquoise G

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

DR 12226-75-4, 1328-51-4, 20234-67-7, 50935-56-3, 37279-62-2, 85205-70-5,
 160830-00-2, 206010-31-3, 207869-03-2

MF C32 H14 Cu N8 O6 S2 . 2 Na

CI CCS, IDS, COM

LC STN Files: AQUIRE, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS,
 CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS,
 RTECS*, TOXCENTER, USPAT2, USPATFULL

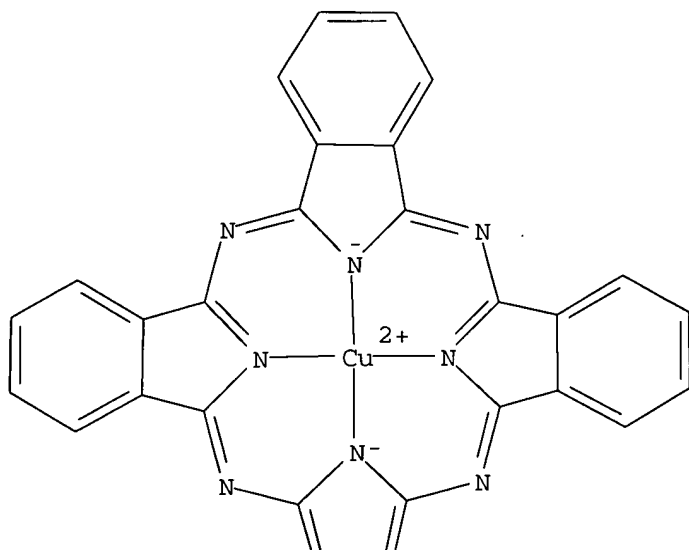
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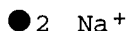
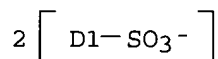
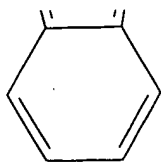
Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (65231-01-8)

PAGE 1-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

536 REFERENCES IN FILE CA (1907 TO DATE)
 17 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 537 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d 13

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
 RN 12222-04-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN C.I. Direct Blue 199 (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Basacid Blue 762
 CN C.I. 74190
 CN Daiwa Blue 319H
 CN **Direct Blue 199**
 CN Direct Lightfast Turquoise Blue GB
 CN Direct Lightfastfast Turquoise Blue GB
 CN Duasyn Direct Turquoise Blue FRL-SF
 CN Fastusol Blue 75L
 CN Intrajet Liquid Blue JE
 CN Kayafect Turquoise RN
 CN Levacell Fast Turquoise Blue BLN
 CN Lurantin Light Turquoise Blue FBL
 CN Nylomine Acid Turquoise P-B
 CN Remaderm Blue HBL
 CN Sirius Supra Turquoise Blue FB-LL
 CN Solar Turquoise Blue FBL
 CN Solophenyl Turquoise Blue BRLE
 CN Solophenyl Turquoise Blue FL
 CN Solophenyl Turquoise BRLE
 DR 12262-76-9, 216082-59-6
 MF Unspecified
 CI COM, MAN
 LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT,
 IFIUDB, MSDS-OHS, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

479 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 480 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 14

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 187285-14-9 REGISTRY
ED Entered STN: 19 Mar 1997
CN C.I. Direct Blue 307 (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Avecia ProJet Cyan Fast 2
CN **Direct Blue 307**
CN Pro-Jet Fast Cyan 2
DR 583845-29-8
MF Unspecified
CI MAN
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

58 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
58 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 15

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 12769-07-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN C.I. Reactive Red 23 (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[[2-hydroxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, copper complex (9CI)
CN Copper, 3-hydroxy-4-[[2-hydroxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid complex (9CI)
OTHER NAMES:
CN C.I. 16202
CN Diamira Red 3B
CN Duasyn Red 3B-SF
CN **Reactive Red 23**
CN Remazol Red 3B
CN Sumifix Red 3B
DR 221006-83-3
MF Unspecified
CI COM, MAN
LC STN Files: CA, CAPLUS, CHEMLIST, PROMT, TOXCENTER, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

57 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
57 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 16

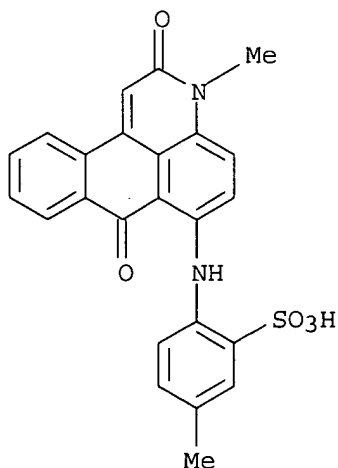
L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 12237-00-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN C.I. Reactive Red 31 (8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:
CN Procion Brilliant Red H 8B
CN Procion Red H 8B
CN Procion Red P 8B
CN **Reactive Red 31**
DR 75026-88-9
MF Unspecified
CI MAN
LC STN Files: AGRICOLA, CA, CAPLUS, CHEMLIST, CSChem, PROMT, TOXCENTER, USPAT2, USPATFULL
Other Sources: NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

66 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
66 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 17

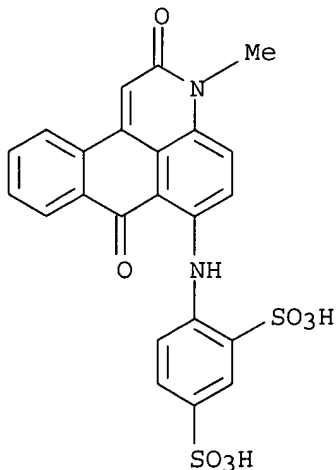
L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 4478-76-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzenesulfonic acid, 2-[(2,7-dihydro-3-methyl-2,7-dioxo-3H-naphtho[1,2,3-de]quinolin-6-yl)amino]-5-methyl-, monosodium salt (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 3H-Naphtho[1,2,3-de]quinoline, benzenesulfonic acid deriv.
CN m-Toluenesulfonic acid, 6-[(2,7-dihydro-3-methyl-2,7-dioxo-3H-naphtho[1,2,3-de]quinolin-6-yl)amino]-, monosodium salt (8CI)
OTHER NAMES:
CN **Acid Red 80**
CN Ahcoquinone Rubine R
CN Alizarine Direct Red 2B
CN Alizarine Light Red R
CN Alizarine Rubine R
CN Alizarine Rubinol R
CN Alizarine Rubinol R-CF
CN Anthraquinone Rubine R
CN C.I. 68215
CN C.I. Acid Red 80
CN Erio Anthracene Rubine R
CN Erio Fast Rubine R
CN Erionyl Rubine E 2BFL
CN Erionyl Rubine ER
CN Fenalan Ruby R
CN Nylomine Acid Red B 5B
CN Solway Rubinol R
CN Solway Rubinole RA
CN Superian Rubinol R
CN Supracen Red 3B
MF C24 H18 N2 O5 S . Na
LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (27711-77-9)



30 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
30 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN
RN 2611-80-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1,3-Benzenedisulfonic acid, 4-[(2,7-dihydro-3-methyl-2,7-dioxo-3H-naphtho[1,2,3-de]quinolin-6-yl)amino]-, disodium salt (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 3H-Naphtho[1,2,3-de]quinoline, 1,3-benzenedisulfonic acid deriv.
CN m-Benzenedisulfonic acid, 4-[(2,7-dihydro-3-methyl-2,7-dioxo-3H-naphtho[1,2,3-de]quinolin-6-yl)amino]-, disodium salt (8CI)
OTHER NAMES:
CN **Acid Red 82**
CN Alizarine Direct Red G
CN Alizarine Rubine 3G
CN Alizarine Rubinol 3G
CN Alizarine Rubinol 3G-CF
CN C.I. 68205
CN C.I. Acid Red 82
CN Diacid Alizarine Rubinol F3G
CN Fenalan Ruby 3B
CN Yamada R 3G
MF C23 H16 N2 O8 S2 . 2 Na
LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, SPECINFO, TOXCENTER, USPATFULL
Other Sources: EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (25331-55-9)



● 2 Na

50 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
50 REFERENCES IN FILE CAPLUS (1907 TO DATE)